

## CLAIMS

I claim:

1. A positioning system for work piece milling on a wood shaper, a router table and a table saw, comprising:
  - a. a clamping apparatus.
  - b. an adjustable back fence assembly.
2. A process of installation of a positioning system for work piece milling on a wood shaper, a router table and a table saw, comprising:
  - a. a clamping apparatus.
  - b. an adjustable back fence assembly.
3. A clamping apparatus for work piece milling on a wood shaper, a router table and a table saw, comprising:
  - a. a platform having a textured non slip top surface and a low resistance slip bottom surface,
  - b. a plurality of adjustable and rotatable clamps mounted to the top surface, and
  - c. means for blocking a sacrifice stick and a work piece,whereby said platform can be moved along a fence of a wood shaper, router table and table saw.
4. A adjustable back fence for work piece milling on a wood shaper, a router table and a table saw, comprising:
  - a. a adjustable horizontal member attached to an indexing system,
  - b. a plurality of adjustable connections.
  - c. an indexing system.
  - d. means for normal cutting and shaping, climb cutting, shaping and the precision processing of material on a wood shaper, router table and table saw.

5. The positioning system for work piece milling of claim 1 comprising:
  - a. a clamping apparatus and adjustable back fence attached to a wood shaper with stacked cutters.
  - b. a direct means for preventing cutter height changes and
  - c. a direct means to eliminate trial cuts.
6. The positioning system for work piece milling of claim 1 comprising:
  - a. a clamping apparatus and adjustable back fence attached to a wood shaper, a router table, table saw and
  - b. a holding means allowing a work piece less then 3 inches height and width to be processed.
7. The positioning system for work piece milling of claim 1 comprising:
  - a. a clamping apparatus and adjustable back fence attached to a wood shaper with stacked cutters.
  - b. a direct means for preventing use of a miter slot
  - c. a direct means to eliminate work piece jamming.
8. The clamping apparatus of claim 3 comprising:
  - a. a pivotable clamp and
  - b. a holding means close to the work piece cut.
9. The clamping apparatus of claim 3 comprising:
  - a. a adjustable handle and
  - b. comfort means for the operator.

10. The clamping apparatus of claim 3 comprising:
- a. a over head guide/guard and
  - b. squaring means to the cutters.
  - c. a shield preventing flying cutting debris from hitting operator.
  - d. a shield allowing view of the cut in progress.
  - e. a shield preventing operators hands from contacting cutters.
11. The adjustable back fence of claim 4 comprising:
- a. a bracket interlocking to a Jointech Clincher.
  - b. indexing means for precision processing of materials.
12. The adjustable back fence of claim 4 comprising:
- a. a horizontal plate attached to an indexing system
  - b. a holding means allowing work piece to be processed in either direction.
  - c. a holding means to control width of the work piece with great precision over the entire length of the work piece.
  - d. an adjustment means to a tolerance of 1/32 inch.
13. The adjustable back fence of claim 4 comprising:
- a. a indexing channel system
  - b. a mating extrusion, screws and spacers attached to a wood shaper, router table and table saw.
  - c. anchoring means for T extrusion, spacers and horizontal bar.
14. The adjustable back fence of claim 4 comprising:
- a. preset and adjustable spacers
  - b. a measurement means of calibrating the cut dimension of a work piece.

15. The adjustable back fence of claim 4 comprising:
- a. a indexing channel extrusion
  - b. a indexing block
  - c. a guide attachment component
  - d. a adjustable indexing component
  - e. extruded forms means of adjustment and indexing.
16. A pressure bar device for work piece milling on a wood shaper, router table and table saw comprising:
- a. blocks, bars, handles, foam rubber and springs
  - b. pressure holding means for the work piece against the adjustable back fence.
  - c. a holding means to accommodate cutting on both the infeed and outfeed sides of the cutters.